



Letter of Transmittal

DATE: September 28, 2023

TO: Division of Reclamation, Mining, and Safety
Attn: Mr. Peter Hays, Rm 215
1001 East 62nd Avenue
Denver, Colorado 80216
(303) 866-3567

FROM: Bill Schenderlein
Blue Earth Solutions, LLC
P.O. Box 2427
Fort Collins, Colorado 80522
(970) 227-2803

WE TRANSMIT:



Attached



Information Below

THE FOLLOWING:



Originals



Copy of Letter



Applications



Specifications



Other

FOR YOUR:



Use



Approval



Information



Review & Comment

Remarks:

Submission of this material is for review and approval of the 25th Avenue Site (M-2002-020) Mine Land Reclamation Board Regular 112 Operation Reclamation Permit Technical Revision. Blue Earth Solutions is providing application support for the applicant, City of Greeley, whose address and phone number is Water and Sewer Department, 1001 11th Avenue – 2nd Floor, Greeley, Colorado 80631, (970) 223-3151.

- The technical revision fee of \$216.00.
- The Request for Technical Revision Cover Sheet.
- Two (2) copies of the Technical Revision narrative discussion.
- Two (2) copies of the revised Reclamation Plan Map illustrating the Technical Revision request.
- Two (2) copies of the 25th Avenue Site Cache la Poudre River stabilization design/build plan set.

Signed: _____

A handwritten signature in black ink, appearing to read "Bill Schenderlein", is written over a horizontal line.



COLORADO DIVISION OF RECLAMATION, MINING AND SAFETY

1313 Sherman Street, Room 215, Denver, Colorado 80203 ph(303) 866-3567

REQUEST FOR TECHNICAL REVISION (TR) COVER SHEET

File No.: M- 2002-020 Site Name: 25th Avenue Site
County Weld TR# _____ (DRMS Use only)
Permittee: City of Greeley
Operator (If Other than Permittee): Hall-Irwin Corporation
Permittee Representative: Blue Earth Solutions, LLC

Please provide a brief description of the proposed revision: _____

Include Cache la Poudre River bank stabilization to the final reclamation plan - see attached.

As defined by the Minerals Rules, a Technical Revision (TR) is: "a change in the permit or application which does not have more than a minor effect upon the approved or proposed Reclamation or Environmental Protection Plan." The Division is charged with determining if the revision as submitted meets this definition. If the Division determines that the proposed revision is beyond the scope of a TR, the Division may require the submittal of a permit amendment to make the required or desired changes to the permit.

The request for a TR is not considered "filed for review" until the appropriate fee is received by the Division (as listed below by permit type). Please submit the appropriate fee with your request to expedite the review process. After the TR is submitted with the appropriate fee, the Division will determine if it is approvable within 30 days. If the Division requires additional information to approve a TR, you will be notified of specific deficiencies that will need to be addressed. If at the end of the 30 day review period there are still outstanding deficiencies, the Division must deny the TR unless the permittee requests additional time, in writing, to provide the required information.

There is no pre-defined format for the submittal of a TR; however, it is up to the permittee to provide sufficient information to the Division to approve the TR request, including updated mining and reclamation plan maps that accurately depict the changes proposed in the requested TR.

Required Fees for Technical Revision by Permit Type - Please mark the correct fee and submit it with your request for a Technical Revision.

<u>Permit Type</u>	<u>Required TR Fee</u>	<u>Submitted</u> (mark only one)
110c, 111, 112 construction materials, and 112 quarries	\$216	<input checked="" type="checkbox"/>
112 hard rock (not DMO)	\$175	<input type="checkbox"/>
110d, 112d(1, 2 or 3)	\$1006	<input type="checkbox"/>



September 28, 2023

Colorado Department of Natural Resources
Division of Reclamation, Mining and Safety
Attn: Mr. Peter Hays
1313 Sherman Street; Room 215
Denver Colorado, 80203

**RE: Technical Revision for City of Greeley
25th Avenue Site, Permit No. M-2002-020**

Dear Mr. Hays:

The following Technical Revision discussion and attachments are submitted on behalf of our client, City of Greeley, for the 25th Avenue Site, M-2002-020. The Technical Revision is to provide updated information regarding the 25th Avenue Site final Reclamation Plan.

The 25th Avenue Site is located in the City of Greeley (Weld County, Colorado) north of F Street, south of the Cache la Poudre River, and between 25th Avenue and 35th Avenue. The 25th Avenue Site was created from amending portions of the Greeley West Pit (M-1977-081) in 2002 and again in 2012 and currently includes approximately 208.2 acres.

Mining Plan

The revised mining plan from the approved 2012 Amendment shows mining occurring in the area known as 'Pond B'. This Technical Revision does not change the 2012 mining plan. Currently, mining in the Pond B area has been mostly completed.

Reclamation Plan

The 25th Avenue Site final land use is currently permitted for developed water resources and includes lined below-grade reservoirs in Pond A and Pond B (see Exhibit F, Reclamation Plan Map). This Technical Revision does not propose changing the permitted final land use. As illustrated on the revised Exhibit F, Reclamation Plan Map, the purpose of this Technical Revision is to add Cache la Poudre River bank stabilization to the final Reclamation Plan. Past high-flow events on the Cache la Poudre River (most recently in 2013 and 2014) have caused overflow from the river into the 25th Avenue Site Pond A causing erosion on the north bank of the facility and associated erosion damage to that facility. To mitigate potential future flood damage, an off-channel spillway was installed between the river and Pond A as approved in TR-01.

Past high-flow events also scoured the Cache la Poudre embankment adjacent to the 25th Avenue Site Pond A reservoir. The bank stabilization project will install protection measures to reduce or

Mr. Peter Hays
RE: City of Greeley M-2002-020
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eliminate erosion at that location. These measures will protect the existing 25th Avenue Site facilities and the Poudre River Regional Trail, which is located on the crest of the Cache la Poudre River south embankment.

Location of the Cache la Poudre River embankment stabilization is depicted on the revised Exhibit F, Reclamation Plan Map (attached). Approximately 600 linear feet of the southern river embankment will be incorporated into the stabilization project. The proposed erosion protection measures include grading, riprap and boulder installation, and revegetation (see attached design/build plans).

Additional regulatory agency coordination for the embankment stabilization project include the City of Greeley for floodplain compliance and the U.S. Army Corps of Engineers for Waters of the U.S. compliance.

If you have any questions regarding the technical revision or the information and exhibits provided, please call me directly at (970) 227-2803.

Sincerely,
Blue Earth Solutions, LLC

A handwritten signature in black ink, appearing to read 'William Schenderlein', written in a cursive style.

William Schenderlein, P.E.
Project Manager

Attachments